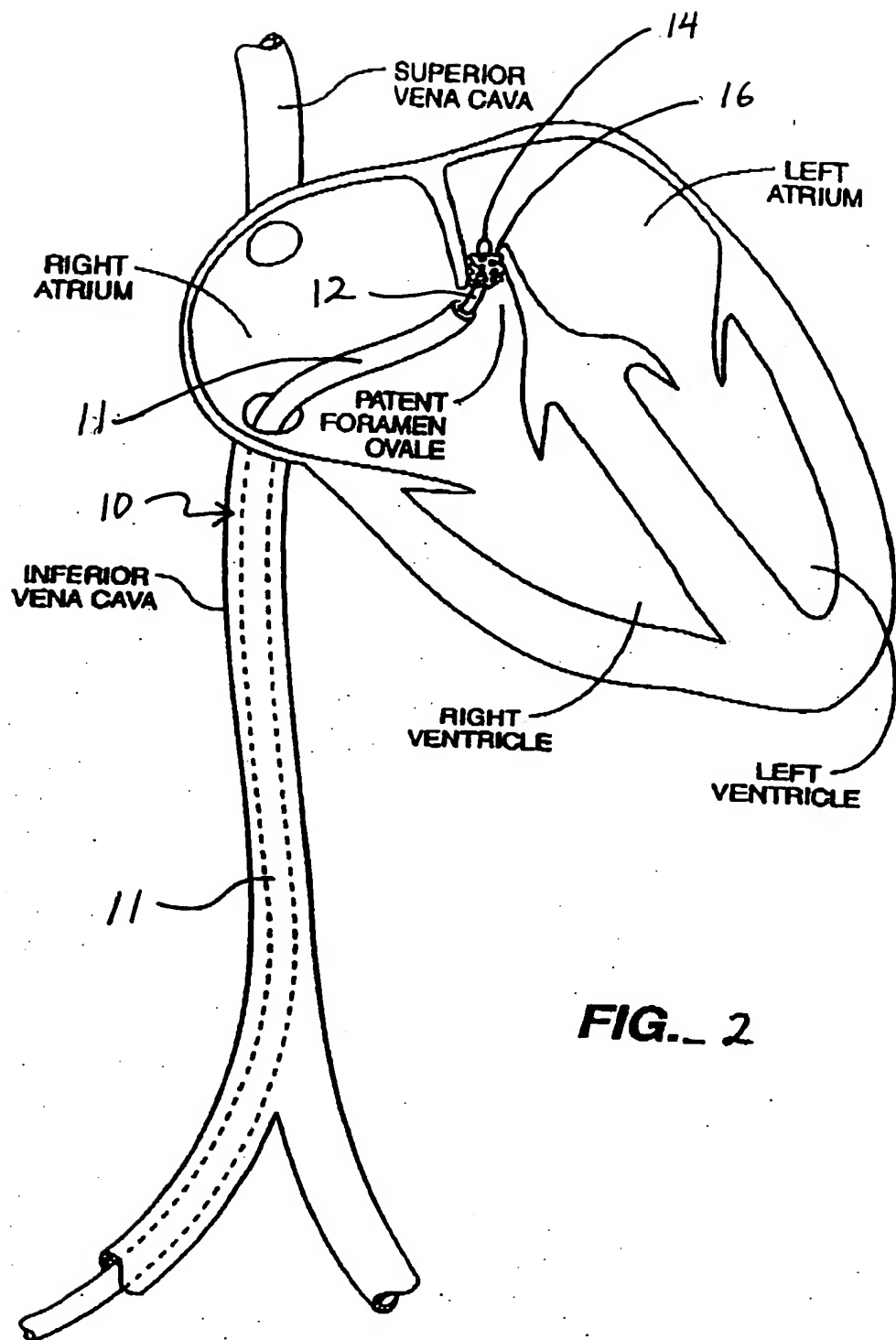


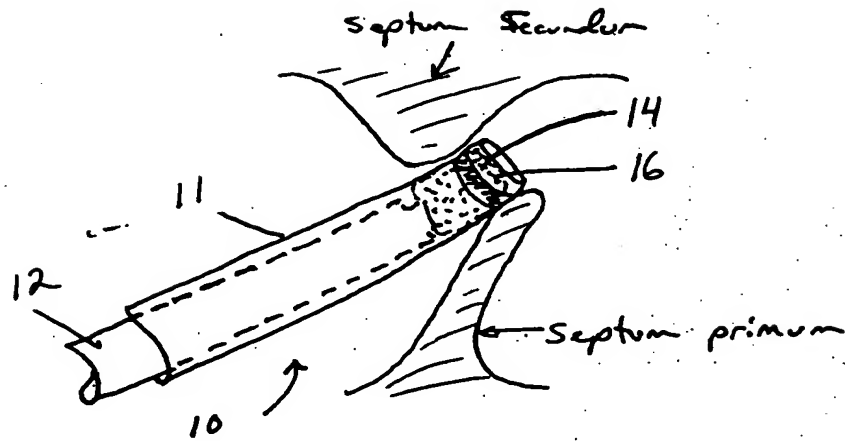
**FIG. 1**



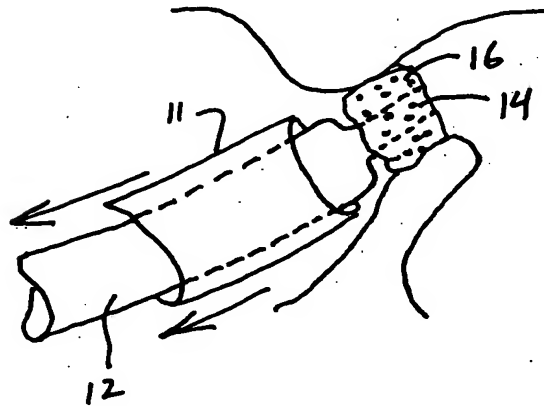
**FIG. 2**

# FIGURE 3

4) System introduced into PFO



5) Outer Sheath Withdrawn energy applied



6) Delivery System withdrawn

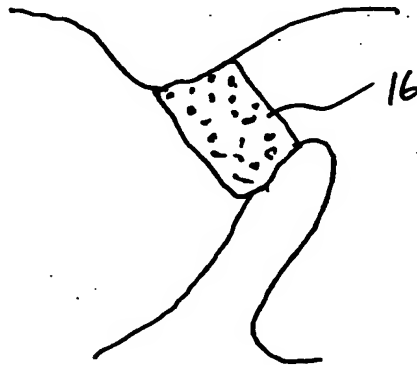
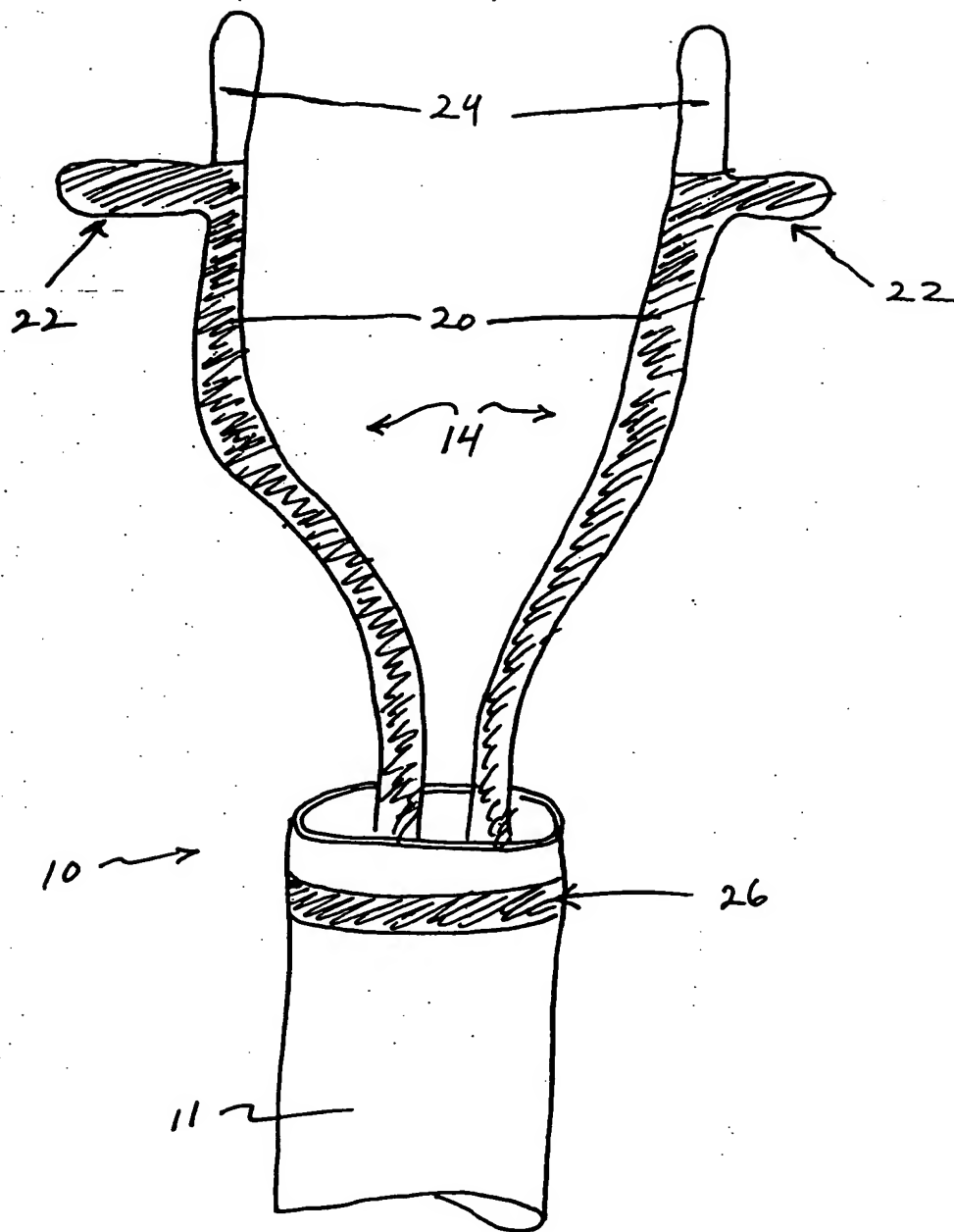
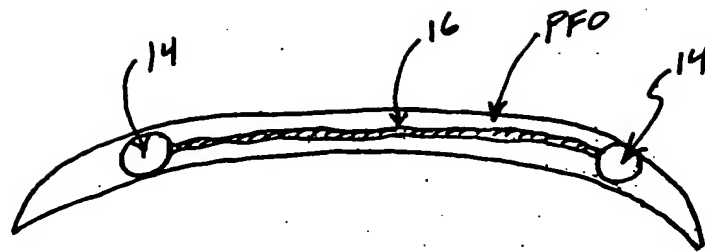


FIGURE 4



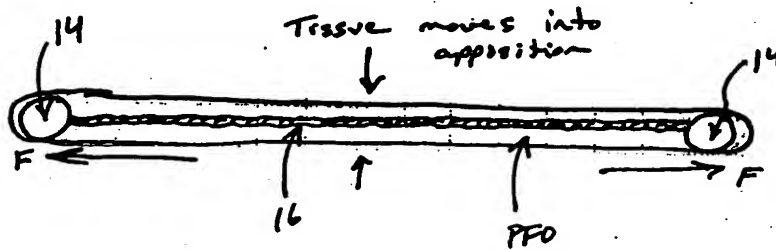
# FIGURE 5

5A)



fishmouth  
electrodes and  
matrix in place

5B)



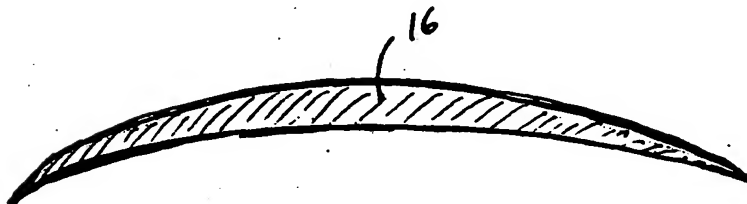
electrodes move  
laterally to appose  
PFO tissues

5C)



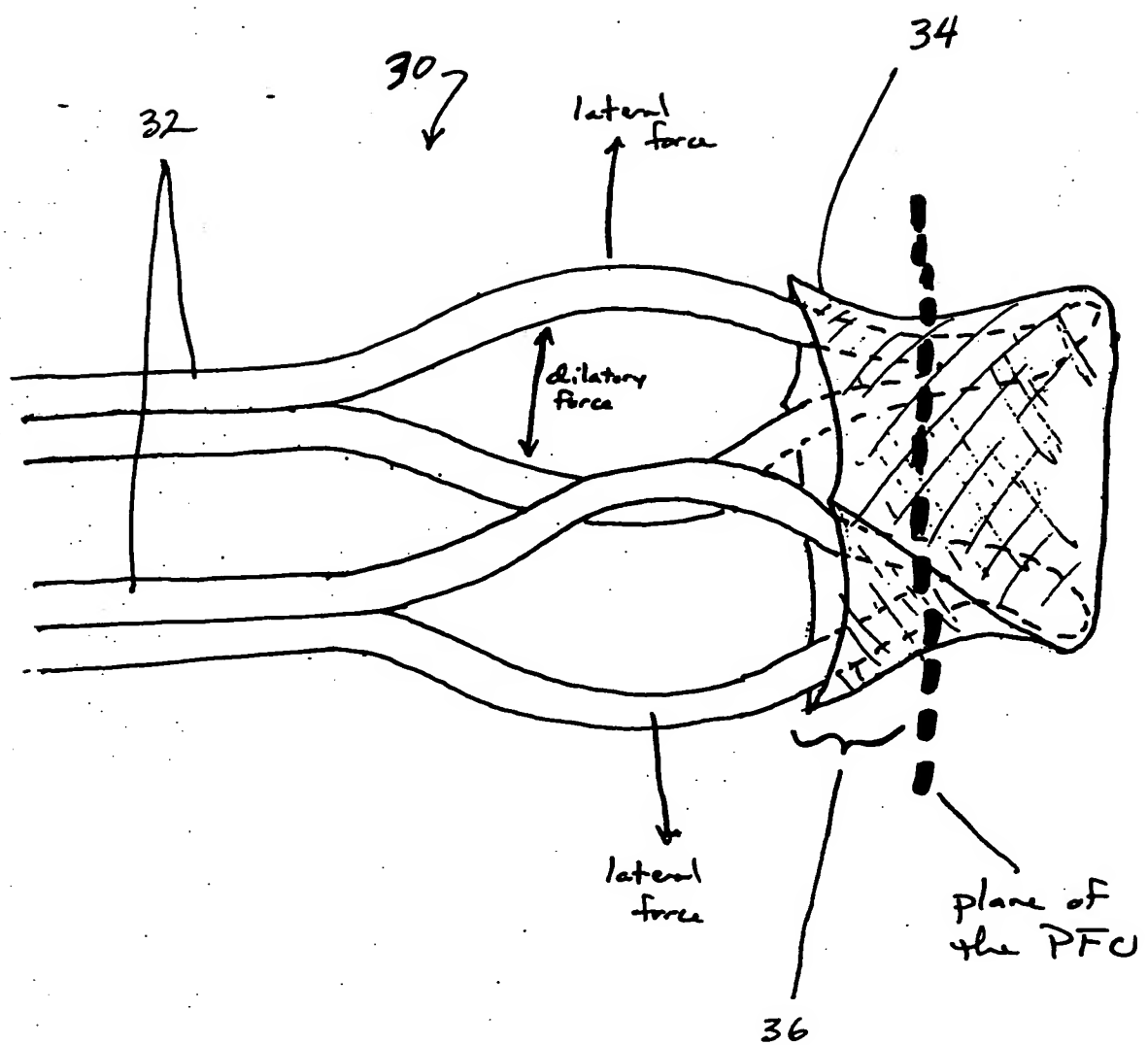
matrix expands  
to fill all gaps  
& spaces in PFO

5D)



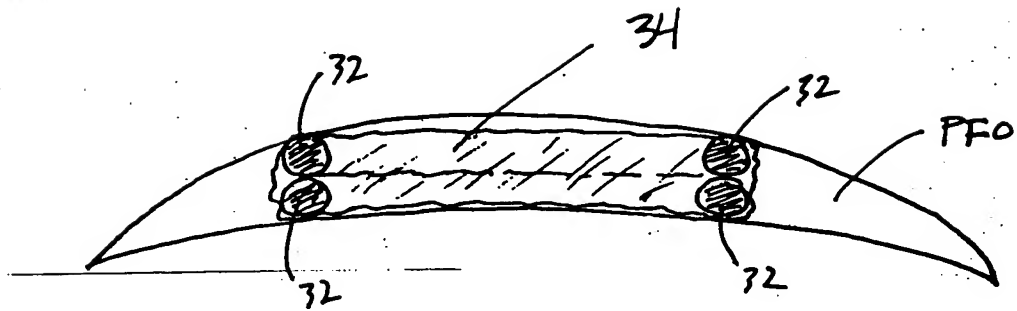
final result-  
PFO with  
matrix welded  
in place

FIGURE 6

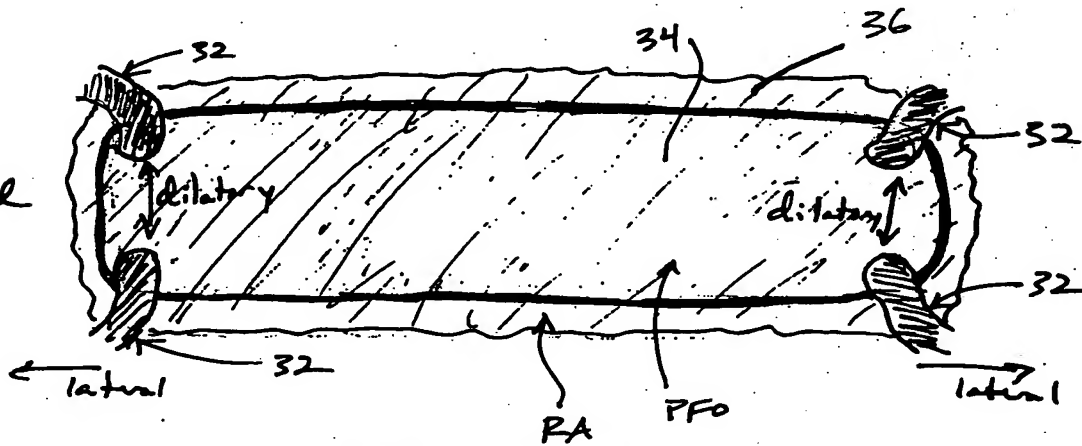


# FIGURE 7

A) Devices in place



B) system expanded



C) final result

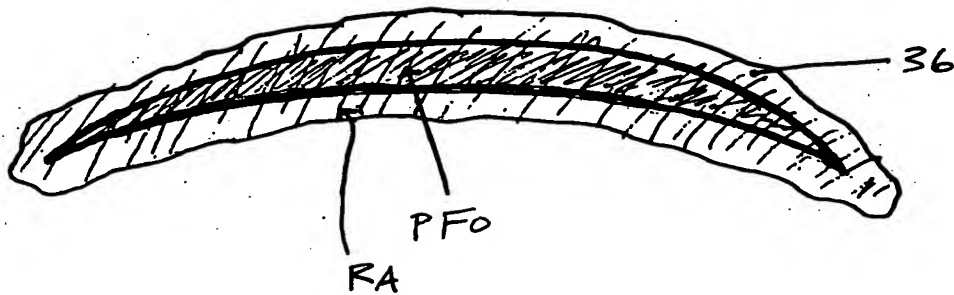


FIGURE 8

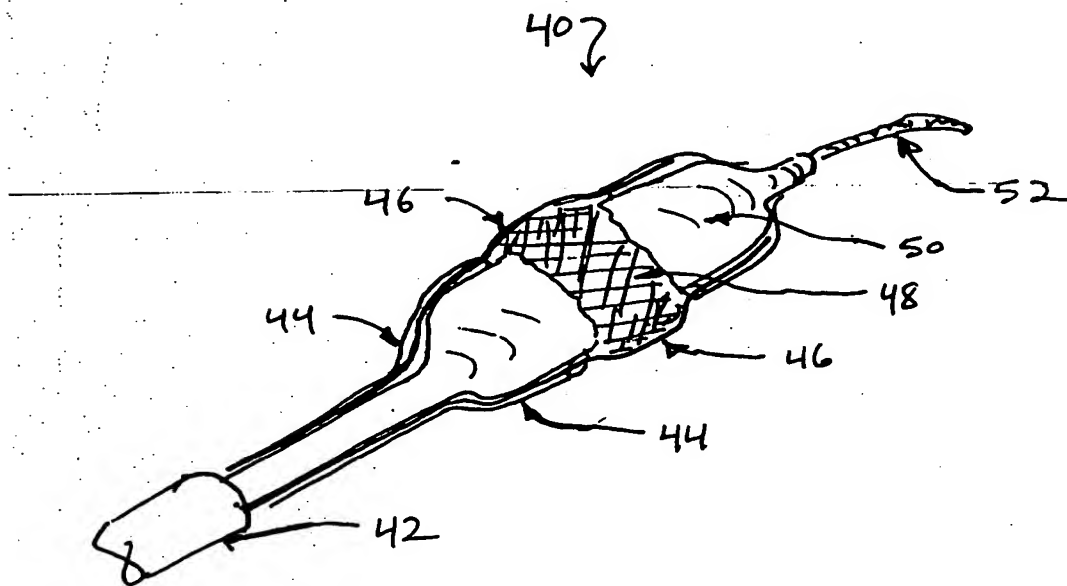
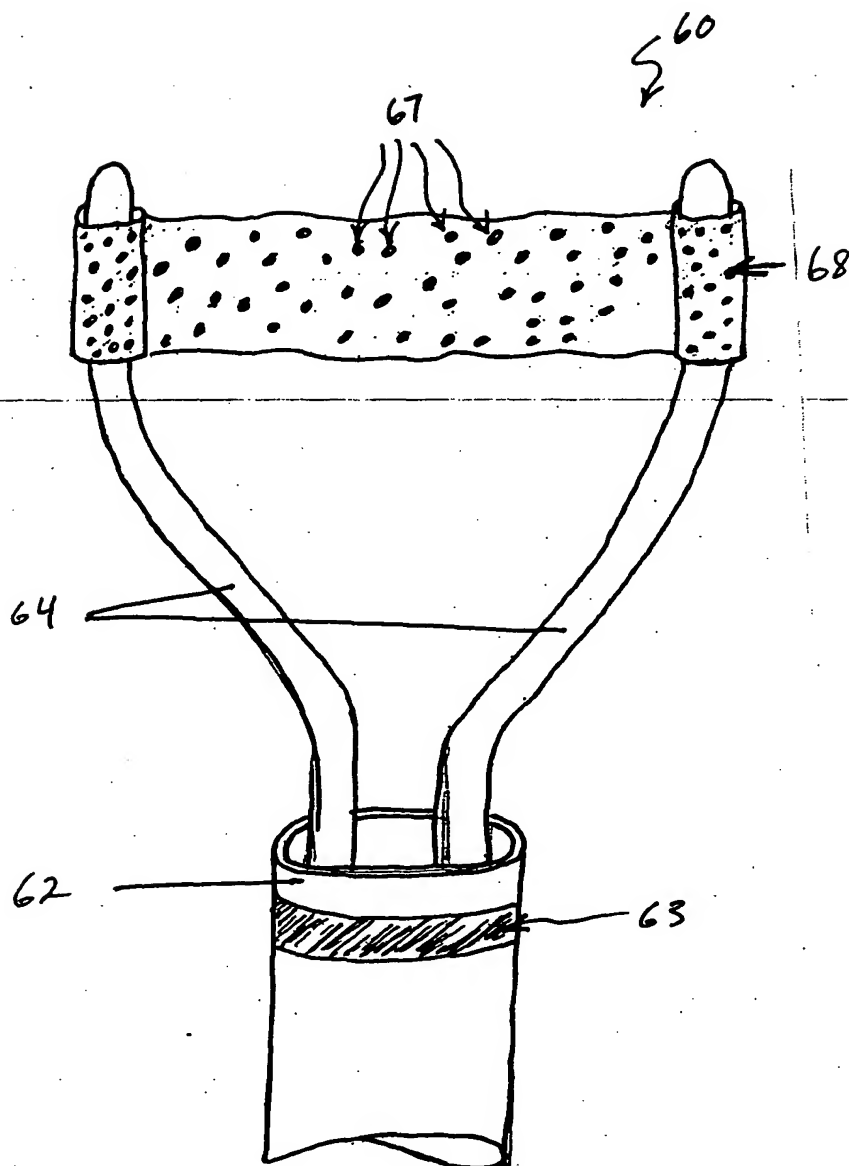


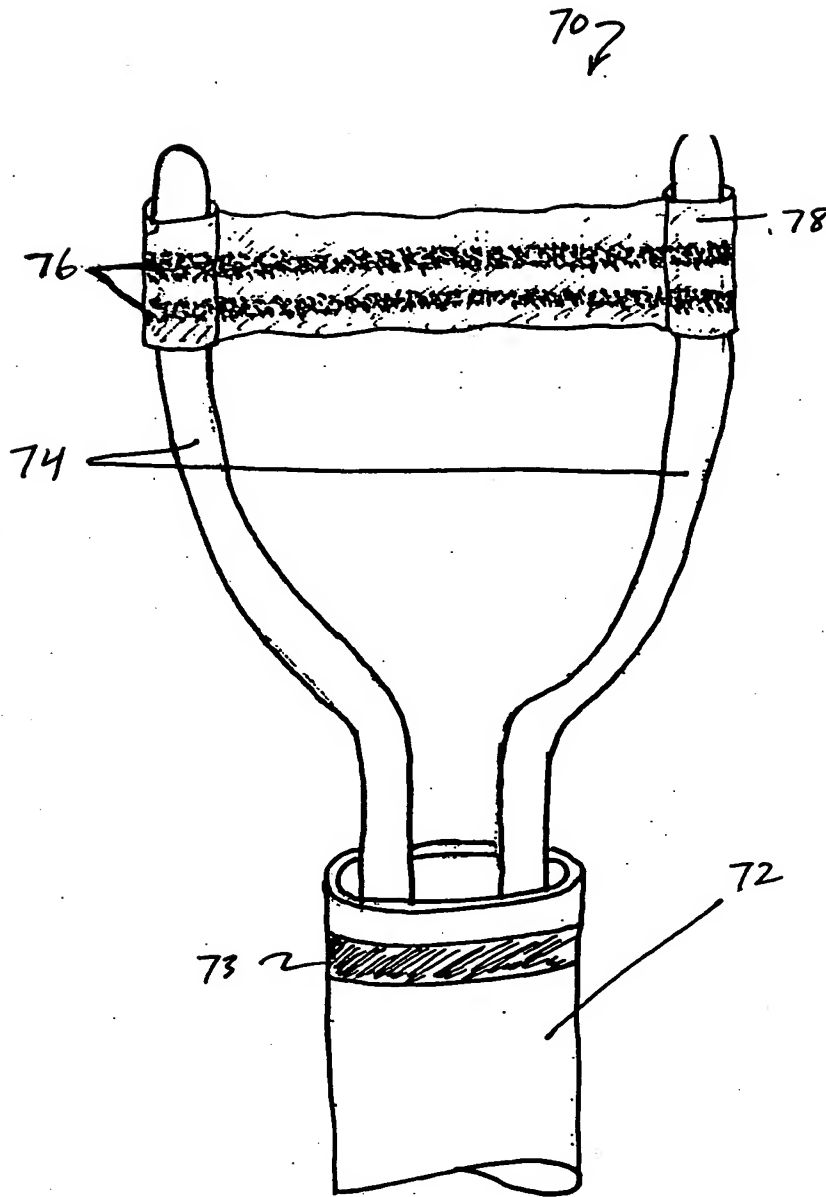


FIGURE 9



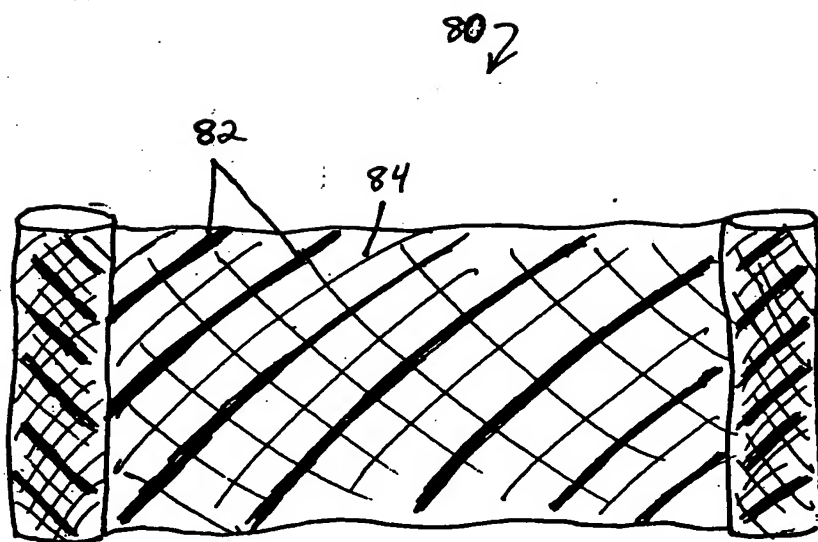
Doped matrix reduces tissue impedance + assists energy delivery

FIGURE 10



Doping particles form conductive wires that disintegrate upon matrix resorption

FIGURE 11



Woven patch with  
conductive elements

FIGURE 12

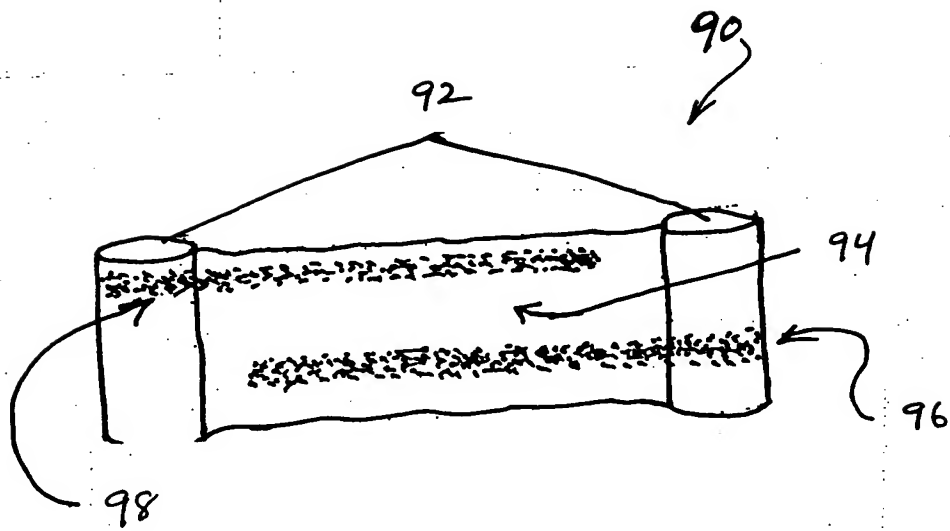
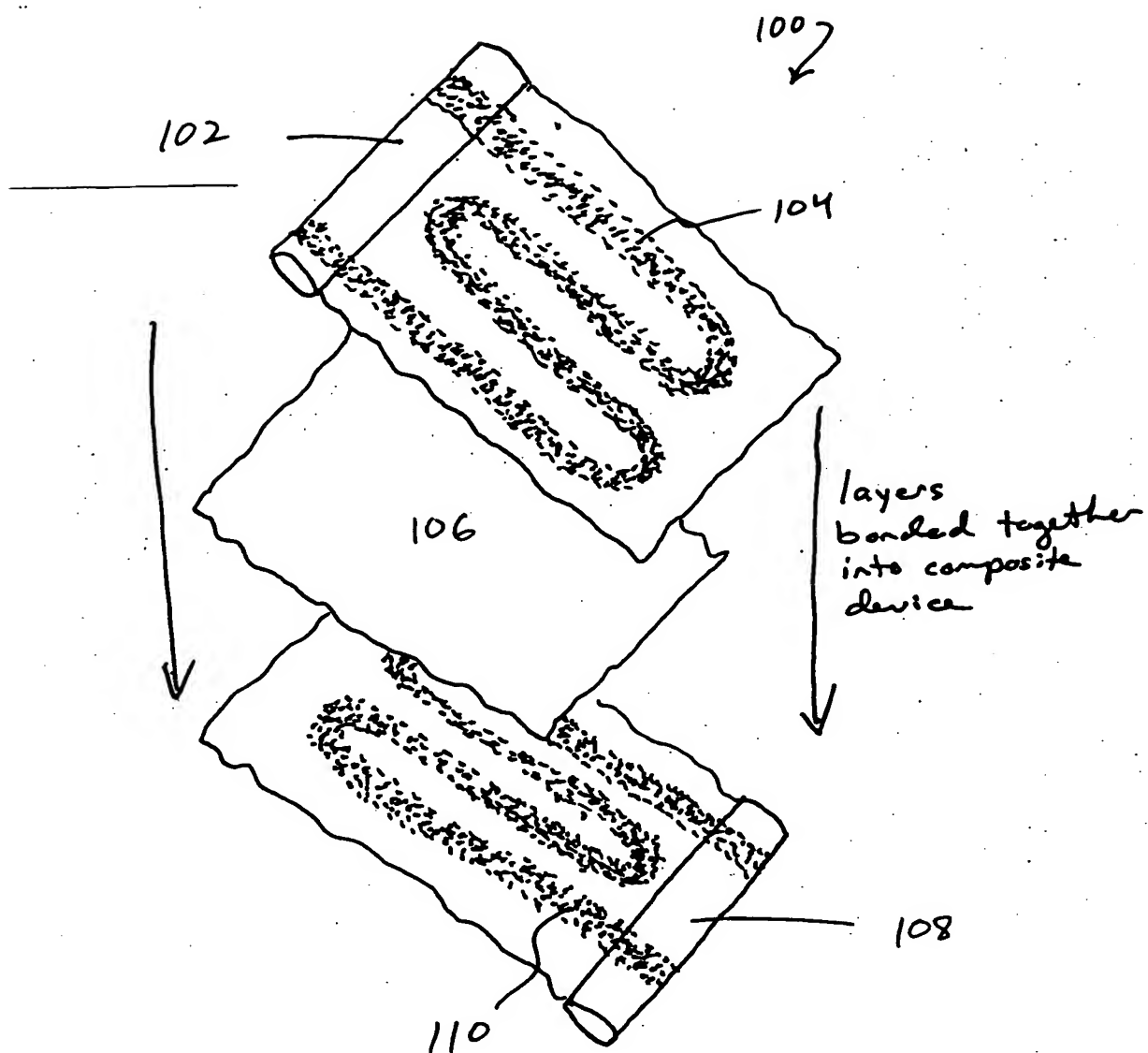


FIGURE 13



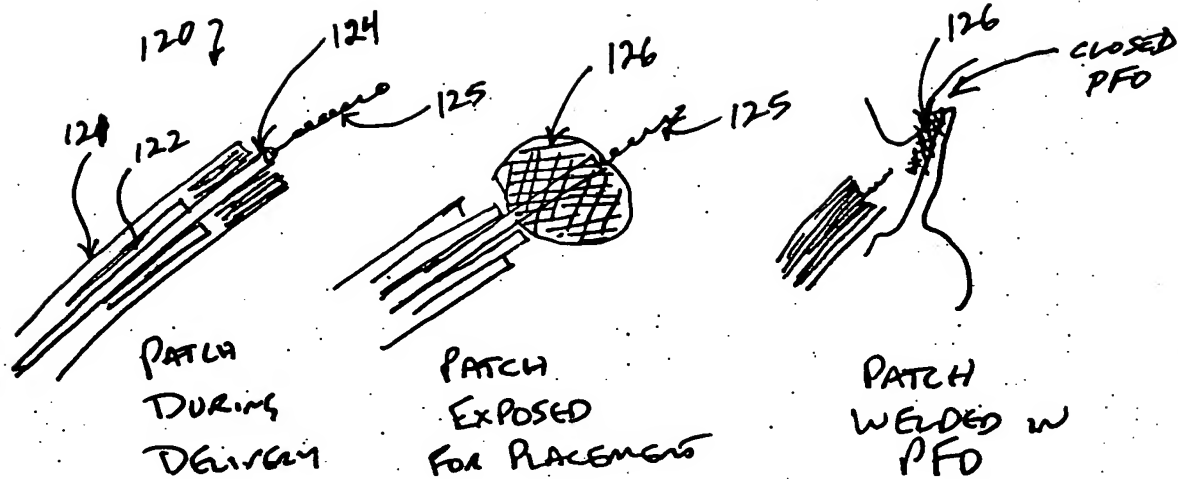


FIG-14

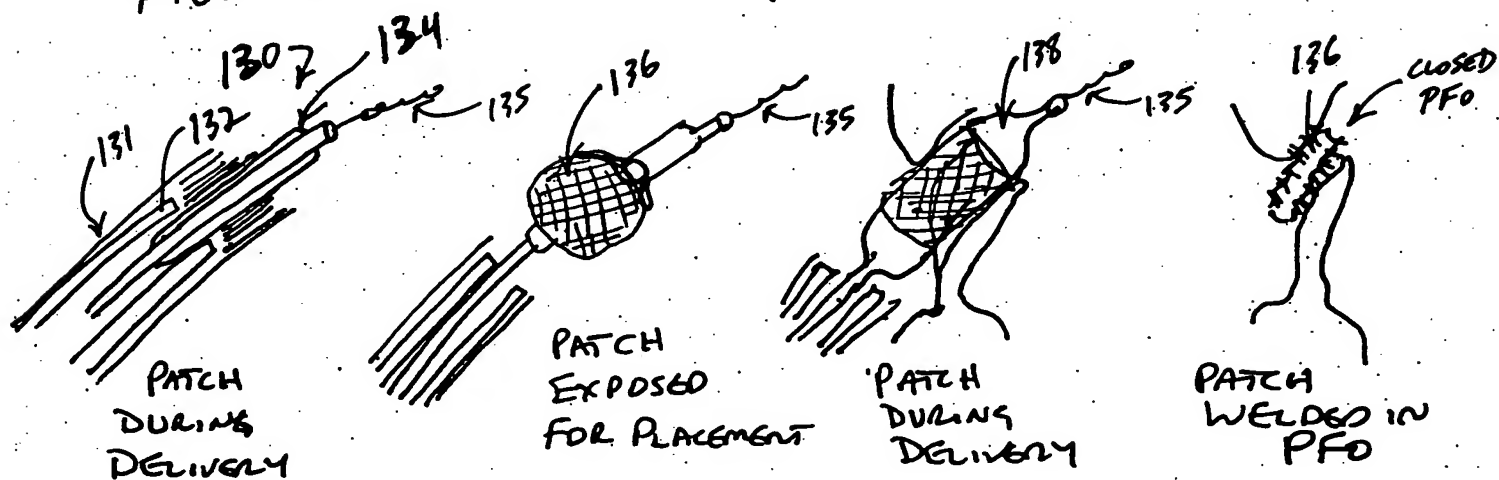
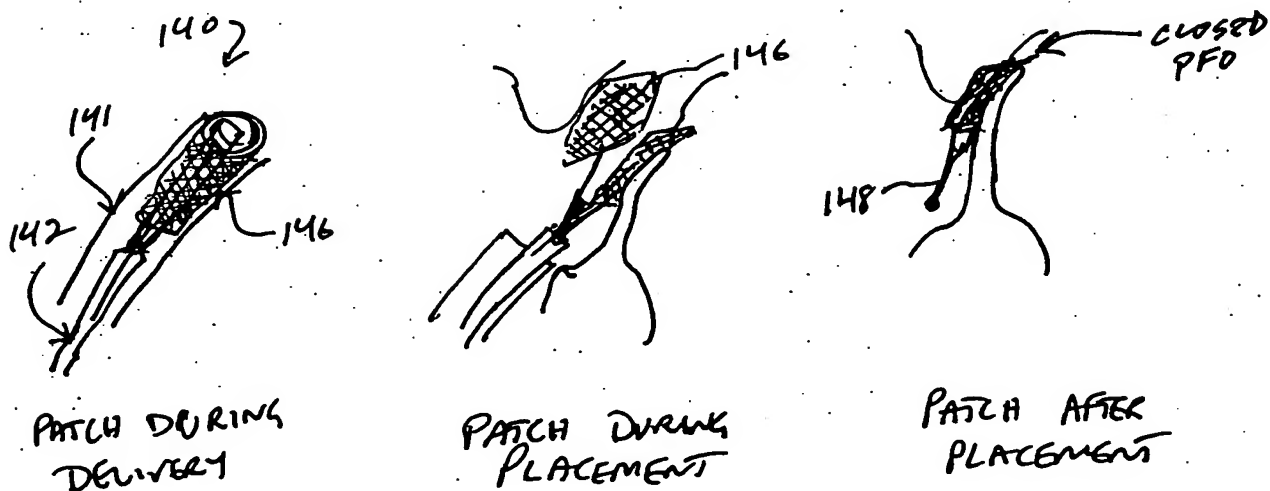
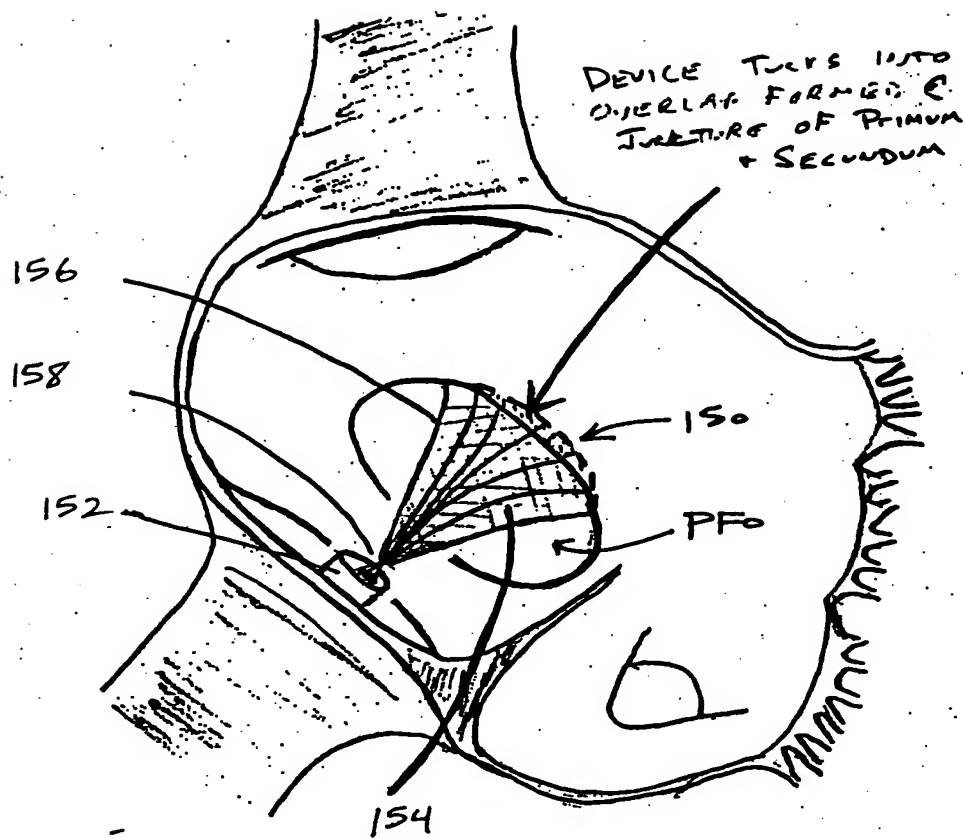


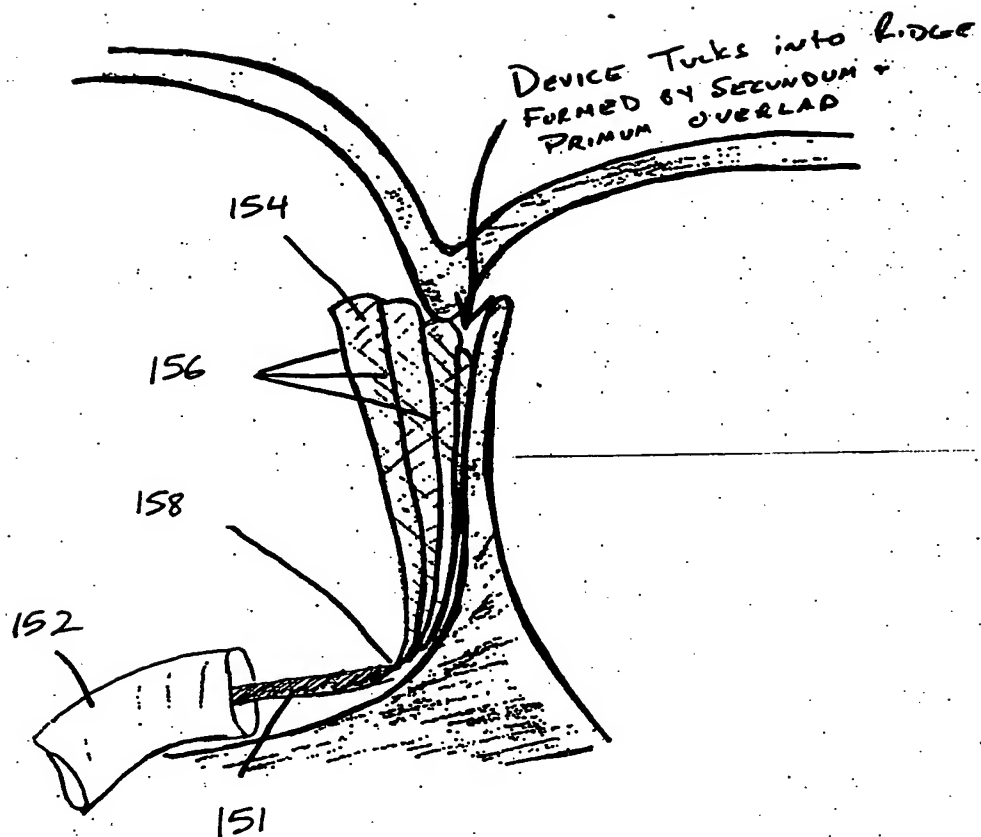
FIG-15





RF PATCH - R. ATRIUM  
CUTAWAY VIEW

FIG-17A



RF PATCH - SEPTUM CROSS  
SECTIONAL VIEW

FILE-17B



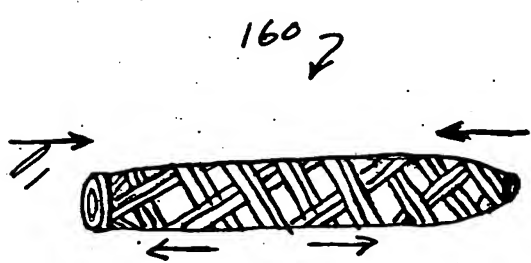


FIG-18A

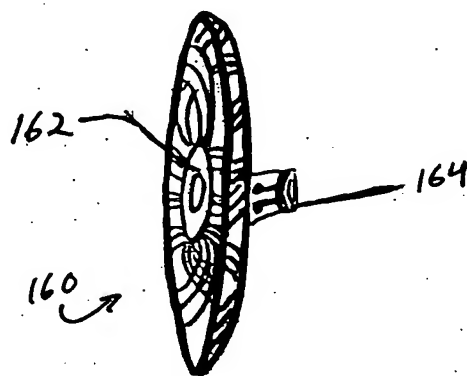


FIG-18B

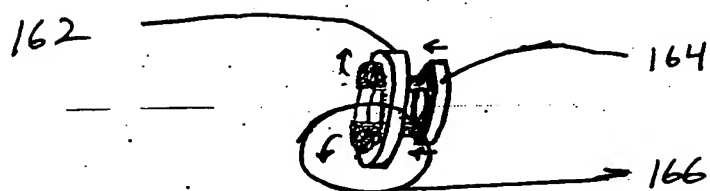


FIG-19

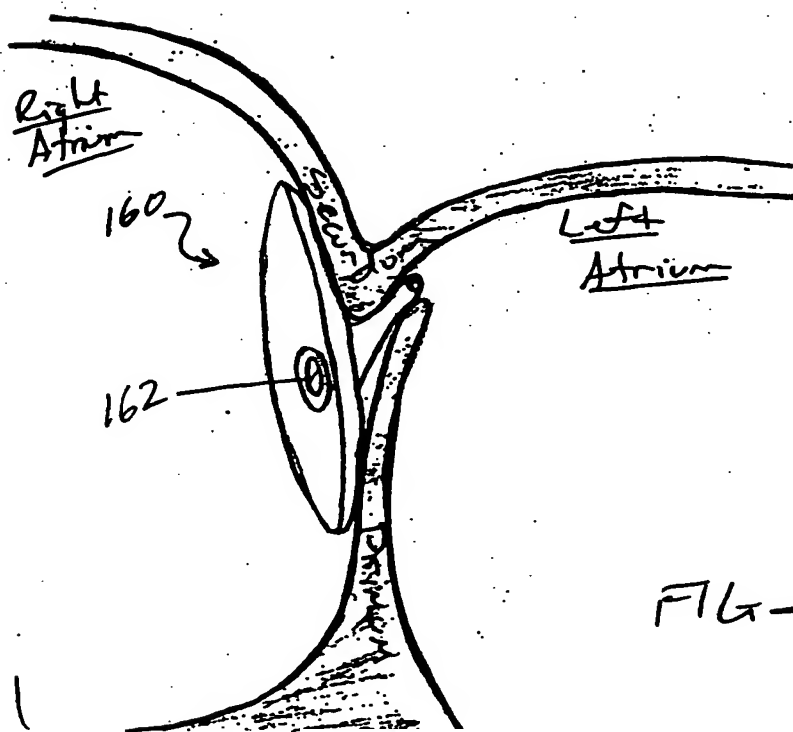


FIG-20

infusion ports  
allow testing  
of device placement  
by bubble/echo  
contrast testing  
prior to permanent  
deployment

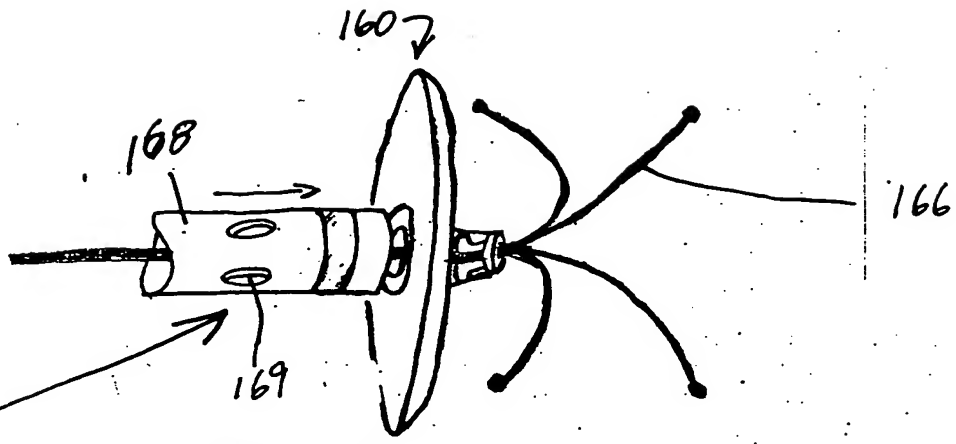


FIG 21A

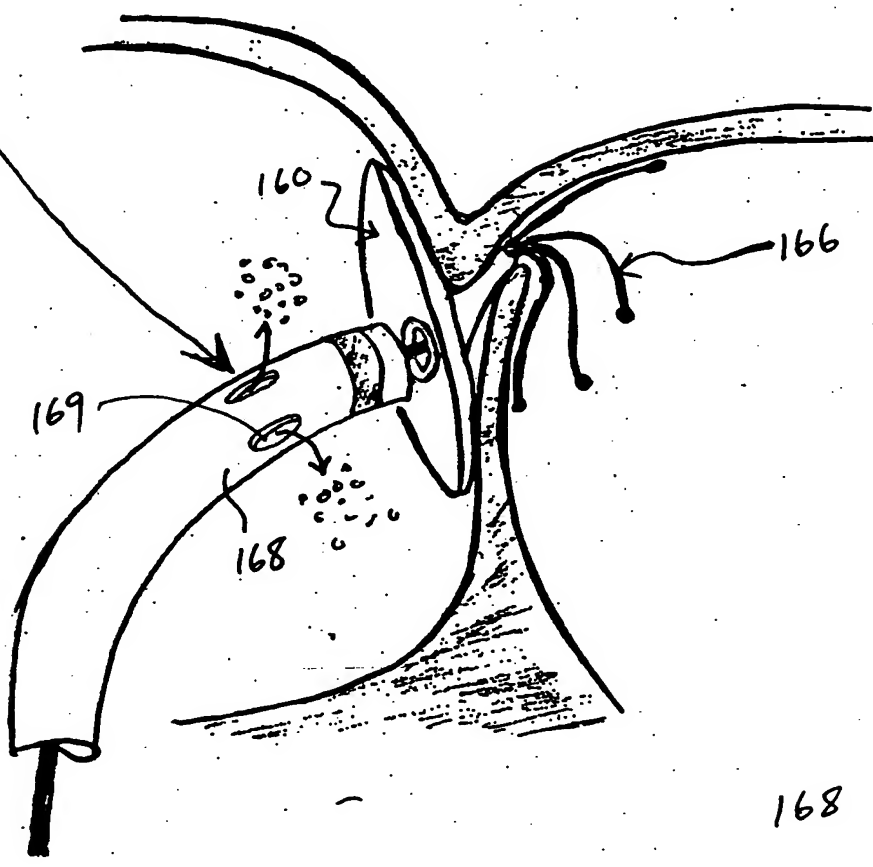


FIG- 21B

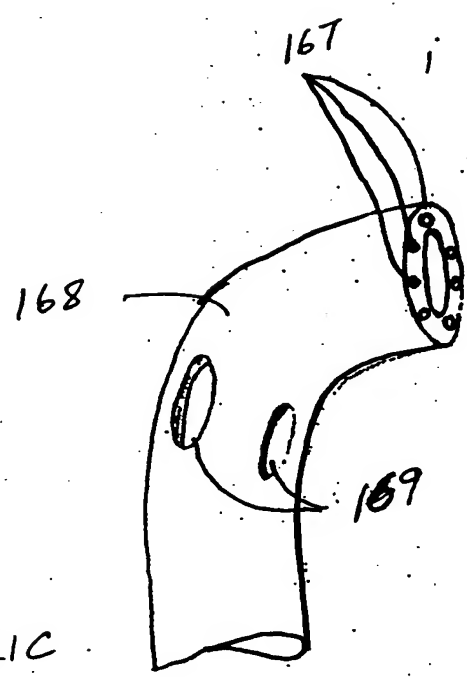


FIG- 21C

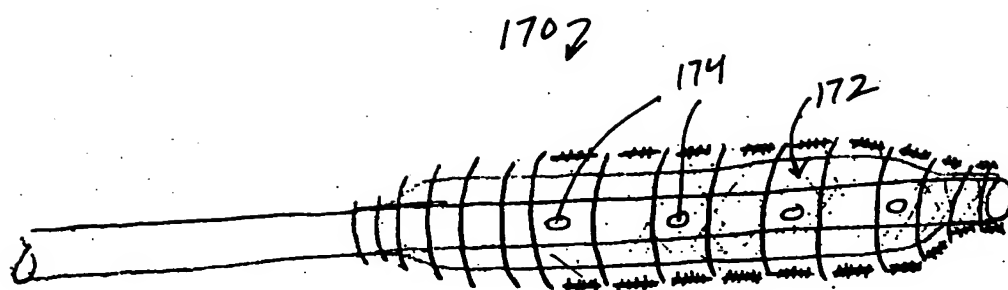


FIG. 22A

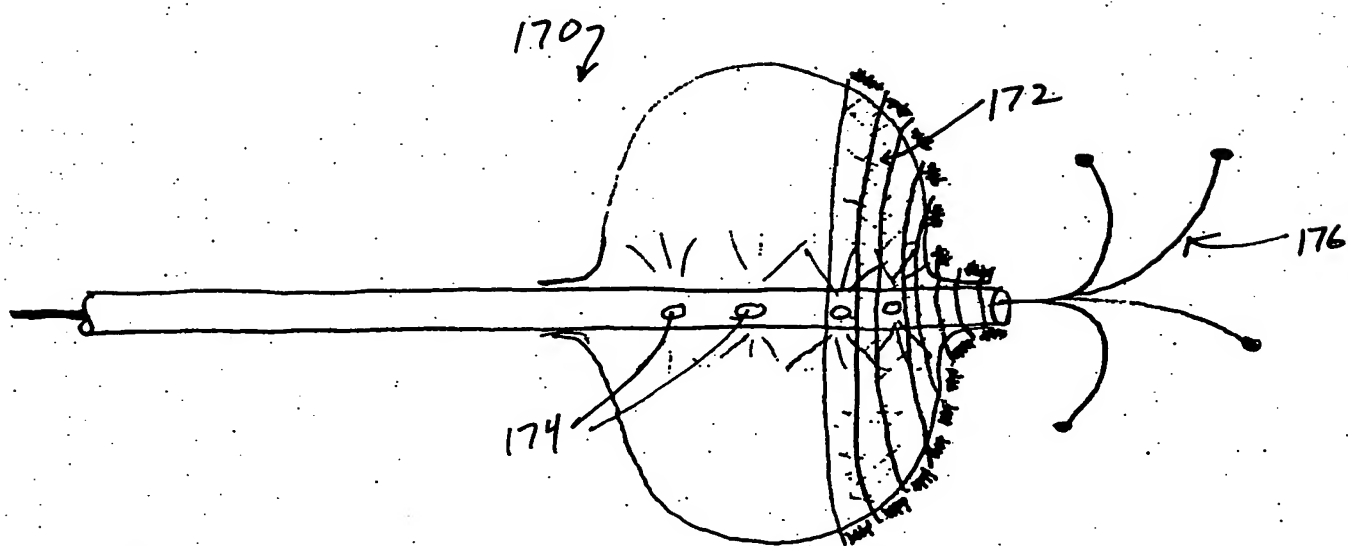


FIG. 22B

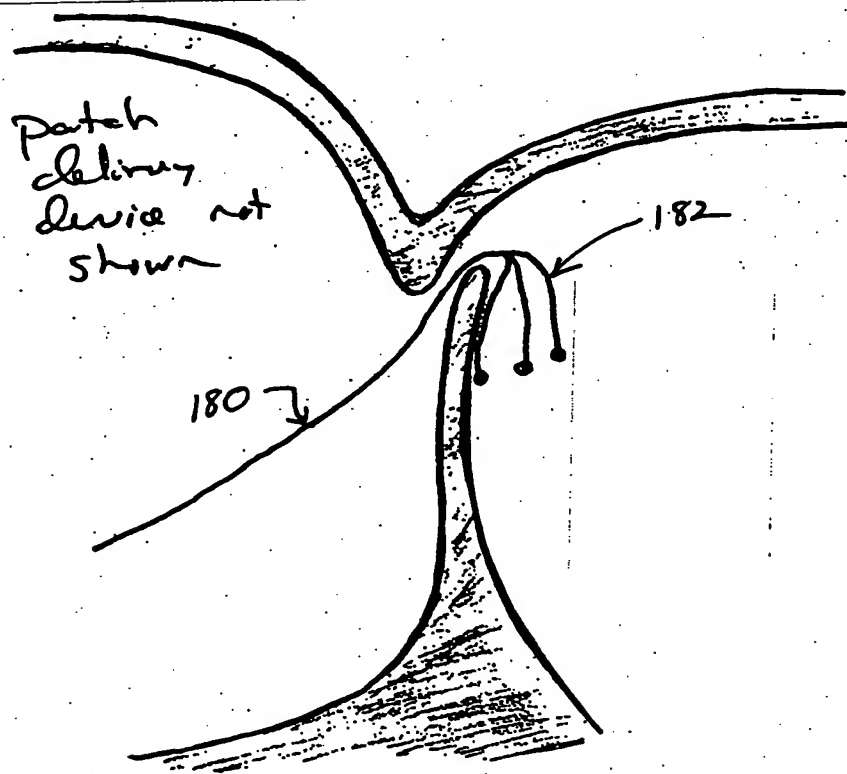


FIG-23

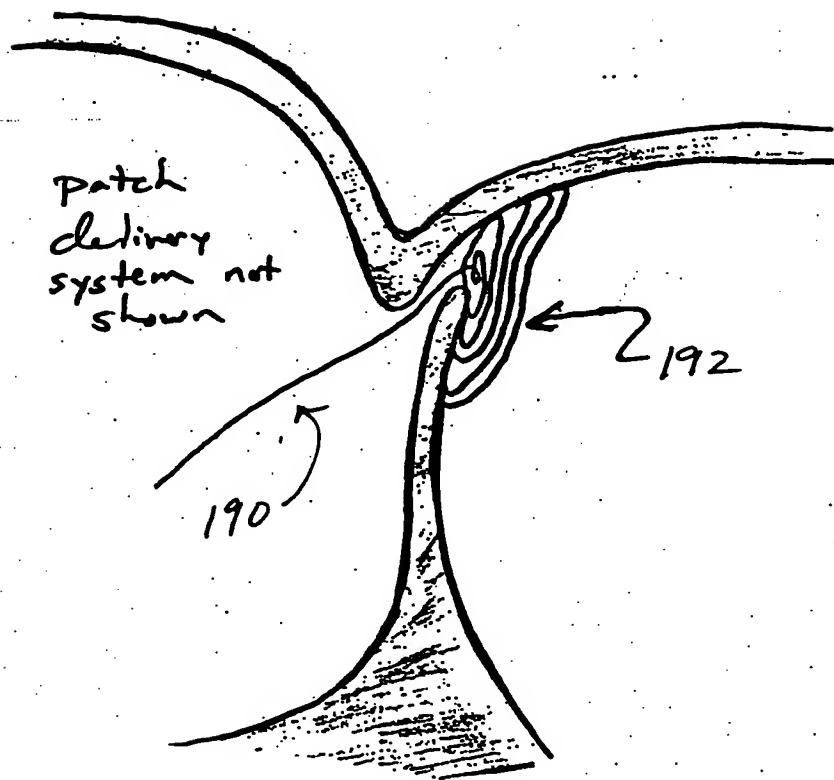


FIG - 24

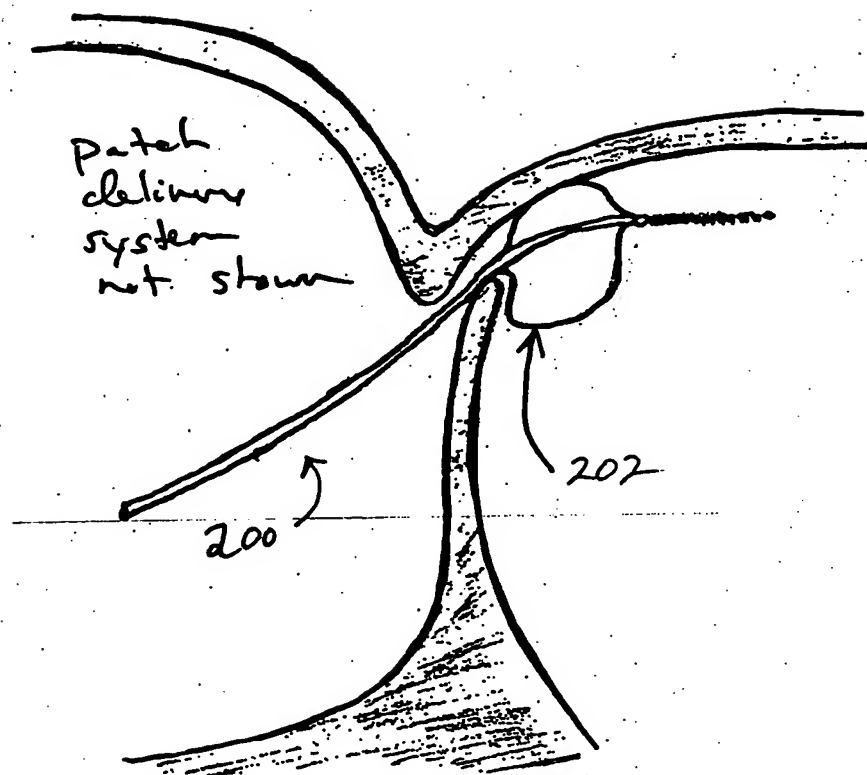


FIG - 25

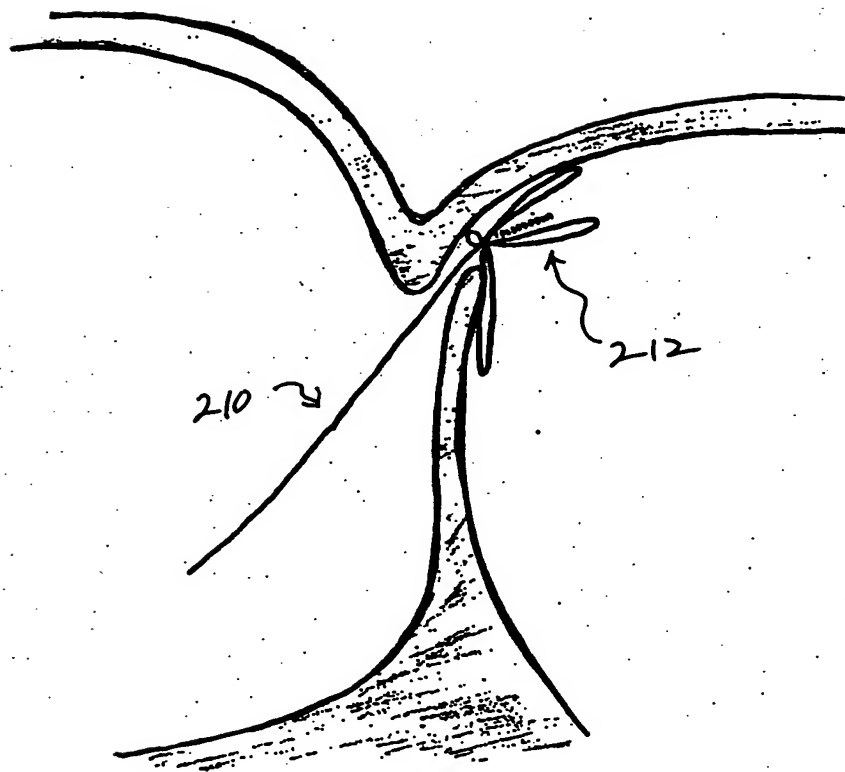


FIG- 26